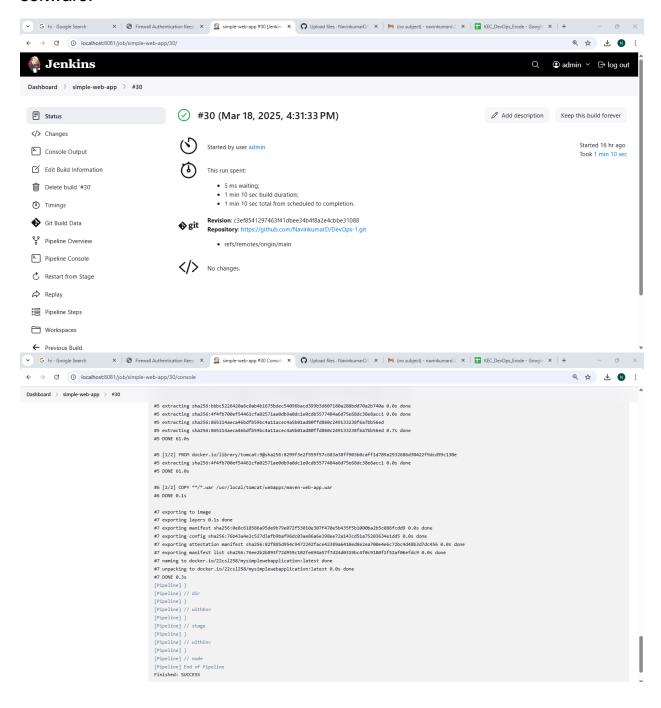
Jenkins

Jenkins is a widely used open-source automation server that plays a crucial role in DevOps by facilitating Continuous Integration (CI) and Continuous Delivery (CD) pipelines, automating tasks like building, testing, and deploying software.



Docker commands

```
docker ps
docker run -itd -P <img_id>
docker images
docker ls
docker cp <s.f> <c.i>:<path>
docker exec -it containerid bin/bash
Docker compose commands
sudo apt install fontconfig openjdk-17-jre
java -version
sudo service Jenkins restart
sudo service Jenkins status
sudo apt install docker.io -y
sudo service docker restart
sudo service docker status
sudo usermod -aG docker $USER
docker images
docker ps
sudo chmod 666 /var/run/docker.sock
curl -LO https://dl.k8s.io/release/v1.32.0/bin/linux/amd64/kubectl
sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
chmod +x kubectl
mkdir -p ~/.local/bin
mv ./kubectl ~/.local/bin/kubectl
kubectl version --client
curl -LO https://github.com/kubernetes/minikube/releases/latest/download/minikube-linux-amd64
sudo install minikube-linux-amd64 /usr/local/bin/minikube && rm minikube-linux-amd64
minikube start
minikube status
kubectl get pod
kubeclt get deploy
```

kubectl get replica

kubectl get pod -o widedocker exec -it david-db-1 /bin/bash

mysql -u root -p

sudo apt install docker-compose -y

sudo curl -L "https://github.com/docker/compose/releases/latest/download/docker-compose-\$(uname -s)-\$(uname -m)" -o /usr/local/bin/docker-compose

